

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|---------|--|----------------------------|------------------|---------|------------------|
| L1 | 1082004 | acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or ultrasound\$4 or megasonic\$4 or megasound\$4 or microsonic\$4 or microsound\$4 or macrosonic\$4 or macrosound\$4 or stress or vibrat\$8 | US-PGPUB; USPAT | OR | ON | 2005/10/12 10:08 |
| L2 | 891575 | timber or log or lumber or tree or cant or board or wood | US-PGPUB; USPAT | OR | ON | 2005/10/12 10:08 |
| L3 | 791428 | moe or elasticity or stiffness or cup or cupping or twist or twisting or shrinkage | US-PGPUB; USPAT | OR | ON | 2005/10/12 10:08 |
| L4 | 2368 | L1 same L2 same L3 | US-PGPUB; USPAT | OR | ON | 2005/10/12 10:08 |
| L5 | 47178 | (timber or log or lumber or tree or cant or board or wood).ti. | US-PGPUB; USPAT | OR | ON | 2005/10/12 10:08 |
| L6 | 459 | L4 and L5 | US-PGPUB; USPAT | OR | ON | 2005/10/12 10:08 |
| L7 | 459 | L4 and L5 | US-PGPUB; USPAT | OR | ON | 2005/10/12 10:12 |
| L8 | 80 | L4 and 73\$.ccls. not L7 | US-PGPUB; USPAT | OR | ON | 2005/10/12 10:08 |
| L9 | 296 | L5 and 73\$.ccls. not L7 | US-PGPUB; USPAT | OR | ON | 2005/10/12 10:12 |
| L10 | 2174 | (acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or ultrasound\$4 or megasonic\$4 or megasound\$4 or microsonic\$4 or microsound\$4 or macrosonic\$4 or macrosound\$4 or stress or vibrat\$8) same ((timber or log or lumber or tree or cant or board or wood) with (warp\$4 or strength or crook or grad\$4 or density or moe or elasticity or stiffness or cup or cupping or twist or twisting or shrinkage)) | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/12 10:09 |
| L11 | 426959 | (timber or log or lumber or tree or cant or board or wood).ti. | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/12 10:09 |
| L12 | 55 | L10 and L11 and (73\$.ccls. or G01N\$.ipc.) | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/12 10:09 |
| L13 | 77 | L10 and L11 and (73\$.ccls. or G01\$.ipc.) | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/12 10:09 |

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|-----|------|--|----------------------------------|----|----|------------------|
| L14 | 5064 | (timber or log or lumber or tree or cant or board or wood or slab or stem) same (hemicellulose or galactan or glucan or chromatography or anion) | US-PGPUB; USPAT | OR | ON | 2005/10/12 10:09 |
| L15 | 137 | (acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or ultrasound\$4 or megasonic\$4 or megasound\$4 or microsonic\$4 or microsound\$4 or macrosonic\$4 or macrosound\$4 or stress or vibrat\$8 or compress\$8) same L14 | US-PGPUB; USPAT | OR | ON | 2005/10/12 10:09 |
| L16 | 71 | (acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or ultrasound\$4 or megasonic\$4 or megasound\$4 or microsonic\$4 or microsound\$4 or macrosonic\$4 or macrosound\$4 or (stress near3 wave\$5) or vibrat\$8 or (compress\$8 near3 wave\$5)) same L14 | US-PGPUB; USPAT | OR | ON | 2005/10/12 10:10 |
| L17 | 1462 | (timber or log or lumber or tree or cant or board or wood or slab or stem) same (hemicellulose or galactan or glucan or chromatography or anion) | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/12 10:10 |
| L18 | 16 | (acoustic\$4 or sonic\$4 or sound\$4 or ultrasonic\$4 or ultrasound\$4 or megasonic\$4 or megasound\$4 or microsonic\$4 or microsound\$4 or macrosonic\$4 or macrosound\$4 or (stress near3 wave\$5) or vibrat\$8 or (compress\$8 near3 wave\$5)) same L17 | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/10/12 10:12 |